

# Specification

## Technical Data Sheet

<b>Product Name</b>	Colistin sodium methanesulfonate from bacillus colistinus
<b>Product No</b>	27970465
<b>CAS Number</b>	8068-28-8
<b>Storage Temperature</b>	2 to 8 °C
<b>Molecular Weight</b>	1759.90

### Specification

<b>Appearance</b>	White powder to slight yellow powder
<b>Bacterial endotoxin</b>	≤ 2.0EU/mg
<b>Loss on Drying</b>	≤ 7.0%
<b>pH</b>	6.5 - 8.5
<b>Potency</b>	≥ 390µg/mg
<b>Solubility</b>	Freely soluble in acetone, methanol and ether.
<b>Free Colistin</b>	No immediate ppt formed

## Specification

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**Identification (IR)**

Conforms to structure

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**Microbial Limit**

TAMC  $\leq$  1000cfu/g , TYMC  $\leq$ 100cfu/g

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